EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	52	hiroaki near3 sano	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/15 10:29
L12	70883	"4" and "156"/$.ccls.	US-PGPUB; USPAT	OR	ON	2010/01/15 10:30
L14	972	(tube near2 connect$4) and (program$6 same reset$)	US-PGPUB; USPAT	OR	ON	2010/01/15 10:31
L15	14	14 and "156"/$.ccls.	US-PGPUB; USPAT	OR	ON	2010/01/15 10:31
S1	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:34
S2	1649	156/250.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:36
S3	1441	S2 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:37
S4	576	156/304.2.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:37
S5	646	156/304.6.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:37
S6	407	156/353.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:37
S7	455	156/359.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/07 13:37
S8	681	156/502.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/30 11:07
S9	183	156/503.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/30 11:07
S10	178	S9 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2008/07/30 11:07
S11	3370229	s "10" and sensor	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:17
S12	183	156/503.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:18
S13	178	S12 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:18
S14	20	S13 and sensor	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:18
S15	577	156/304.2.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:31
S16	544	S15 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:31
S17	86	S16 and sens$3	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:31

S18	15	("4279685" | "5141592" | "5156701" | "5158630" | "5209800" | "5279685" | "5397425" | "5525186" | "5632852").PN. OR ("5871612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 15:26
S19	6	S18 and sens$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 15:37
S20	1	("5525186").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/30 15:49
S21	5	("3695545" | "5802689" | "6026882").PN. OR ("6460592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/31 09:39
S22	1	("6460592").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:28
S23	0	S22 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:28
S24	1438158	heat	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:28
S25	1	S22 and heat$3	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:28
S26	46	hiroaki near3 sano	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:30
S27	6	S26 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:30
S28	1	S22 and sensor	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:36
S29	0	S22 and holding near3 section near3 movement with unit	US-PGPUB; USPAT	OR	OFF	2008/07/31 10:42
S30	577	156/304.2.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:35
S31	544	S30 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:35
S32	86	S31 and sens$3	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:35
S33	3	S32 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:35
S34	183	156/503.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:45
S35	174	S34 and @pd<="20040630"	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:45
S36	1	S35 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 11:45
S37	681	156/502.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/31 12:12
S38	606	S37 and @pd<="20040630"	US-PGPUB; USPAT	OR	OFF	2008/07/31 12:12
S39	8	S38 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 12:13

S40	0	S22 and memory	US-PGPUB; USPAT	OR	OFF	2008/07/31 13:06
S41	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/31 13:13
S42	1	S41 and volatile	US-PGPUB; USPAT	OR	OFF	2008/07/31 13:13
S43	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/31 14:35
S44	1	S43 and lock with sensor	US-PGPUB; USPAT	OR	OFF	2008/07/31 14:35
S45	1	S43 and exchange	US-PGPUB; USPAT	OR	OFF	2008/07/31 14:46
S46	299	156/350.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:10
S47	71	156/365.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:13
S48	68	S47 and @pd<="20040630"	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:14
S49	5	S48 and tub$3	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:14
S50	3	S49 and sensor	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:26
S51	3	S50 and control$3	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:25
S52	1	("6460592").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:30
S53	1	S52 and control$3	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:30
S54	0	S53 and memory	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:34
S55	1	S48 and memory	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:34
S56	21	"156"/$.ccls. and tub$3 and volatile adj memory	US-PGPUB; USPAT	OR	OFF	2008/07/31 16:35
S57	19	("4737214" | "4753697" | "4793888" | "4897138" | "5156701").PN. OR ("5279685").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/31 16:38
S58	2	S57 and memory	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/31 16:43
S59	1	("5279685").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/31 17:29
S60	0	S59 and electrode	US-PGPUB; USPAT	OR	OFF	2008/07/31 17:29
S61	1	("5279685").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/01 11:20
S62	1	S61 and flat$4	US-PGPUB; USPAT	OR	OFF	2008/08/01 11:20
S63	1	S61 and cut$4	US-PGPUB; USPAT	OR	OFF	2008/08/01 11:27

S64	1220	electrode with heat$3 same cut$4 and tub$3	US-PGPUB; USPAT	OR	OFF	2008/08/01 11:59
S65	28	S64 and "156"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/01 12:00
S66	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:31
S67	1	S66 and solenoid	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:31
S68	46	hiroaki near3 sano	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:35
S69	8	S68 and solenoid	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:35
S70	1	("5279685").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:39
S71	0	S70 and solenoid	US-PGPUB; USPAT	OR	OFF	2008/08/01 14:39
S73	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/01 16:03
S74	1	S73 and plate	US-PGPUB; USPAT	OR	OFF	2008/08/01 16:03
S75	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/11 08:40
S76	1	S75 and reset	US-PGPUB; USPAT	OR	OFF	2009/02/11 08:40
S77	1	("6463979").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/11 09:19
S78	1	("5279685").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/11 09:19
S79	0	S78 and reset	US-PGPUB; USPAT	OR	OFF	2009/02/11 09:19
S80	48	((HIROAKI) near2 (SANO)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:47
S81	9	S80 and reset	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:47
S82	7	((MASARU) near2 (NAGASHIMADA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:49
S83	4	S82 and reset	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:50
S84	41	((SHINJI) near2 (ISHIDA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:52
S85	4	S84 and reset	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:52
S86	4	S84 and reset$4	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:52
S87	8	((HIDEYA) near2 (FUJIHARA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:54
S88	15	((SATOSHI) near2 (YAMANUSHI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:54

S89	3	S88 and reset$4	US-PGPUB; USPAT	OR	OFF	2009/02/11 10:55
S90	20	("4737214" | "4753697" | "4793888" | "4897138" | "5156701").PN. OR ("5279685").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 11:50
S91	0	S90 and reset	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 11:51
S92	0	S90 and reset$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 11:51
S93	8	S90 and power$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 11:51
S94	716457	tub$4 with connect$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 12:36
S95	7604	S94 and "156"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 12:36
S96	197	S95 and reset	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 12:37
S97	132	S96 and @ad<="20051228"	US-PGPUB; USPAT	OR	OFF	2009/02/11 12:37
S98	19	ivansons.in.	US-PGPUB; USPAT	OR	OFF	2009/02/11 12:49
S99	1	ivansons-ivars.in.	US-PGPUB; USPAT	OR	OFF	2009/02/11 12:49
S100	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/13 15:59
S101	1	S100 and unexchanged	US-PGPUB; USPAT	OR	OFF	2009/02/13 15:59
S102	5301	((156/250) or (156/304.2) or (156/304.6) or (156/353) or (156/359) or (156/502) or (156/503) or (156/350) or (156/365) or (156/251)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:30
S103	1227	S102 and tub$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:31
S104	2929	S102 and connect$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:31
S105	903	S103 and connect$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:32
S106	153	S105 and program$6	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:32
S107	34	S106 and reset$	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:33
S108	29	S102 and (tube or tubing or hose) and connect$4 and program$6 and reset$	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:39
S109	6	S108 not S107	US-PGPUB; USPAT	OR	OFF	2009/05/04 09:39
S110	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/04 11:44

S111	265	(156/518).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:20
S112	50	S111 and tub$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:21
S113	152	"156"/$.ccls. and (tube or tubing or hose) and connect $4 and program$6 and reset $	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S114	5301	((156/250) or (156/304.2) or (156/304.6) or (156/353) or (156/359) or (156/502) or (156/503) or (156/350) or (156/365) or (156/251)). CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S115	1227	S114 and tub$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S116	903	S115 and connect$4	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S117	153	S116 and program$6	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S118	34	S117 and reset$	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S119	129	S113 not S118	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:23
S120	29	S114 and (tube or tubing or hose) and connect$4 and program$6 and reset$	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:24
S121	123	S119 not S120	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:24
S122	491	((156/250) or (156/304.2) or (156/304.6) or (156/353) or (156/359) or (156/502) or (156/503) or (156/350) or (156/365) or (156/251)). CCLS.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/04 12:28
S123	1815	(tube or tubing or hose) same connect$4 and program $6 and reset$	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:30
S124	1057	(tube or tubing or hose) same connect$4 same program$6 and reset$	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:31
S125	583	(tube or tubing or hose) same connect$4 same program$6 same reset$	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:31
S126	0	(tube or tubing or hose) near connect$4 near program$6 near reset$	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:32
S127	0	S125 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:32

S128	582	S125 and @pd<="20051228"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/04 12:32
S129	3	S125 and @pd<="20051228"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/04 12:33
S130	415	((HIROAKI) near2 (SANO)). INV.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:34
S131	102	S130 and (tub$4 or hos$4)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:34
S132	96	S131 and @pd<="20051228"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/04 12:35
S133	106	(156/354).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:44
S134	0	S133 and (tub$4 or hos$4)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/04 12:44
S135	13	S133 and (tub$4 or hos$4)	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:45
S136	1785	((156/510) or (156/515)). CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:51
S137	547	S136 and (tub$4 or hos$4)	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:51
S138	8	S137 and connect$4 and program$6 and reset$	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:51
S139	254	S137 and weld$	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:52
S140	232	S139 and @pd<="20051228"	US-PGPUB; USPAT	OR	OFF	2009/05/04 12:52
S141	3	(("6485593") or ("4521263") or ("4647756")).PN.	US-PGPUB; USPAT	OR	OFF	2009/08/20 08:24
S142	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/24 10:34
S143	1	S142 and "non-cutting"	US-PGPUB; USPAT	OR	OFF	2009/08/24 10:34
S144	94	(dudley or walter or cyril) with spencer	US-PGPUB; USPAT	OR	OFF	2009/08/24 13:23
S145	39	S144 and sterile	US-PGPUB; USPAT	OR	OFF	2009/08/24 13:24
S146	14	("4737214" | "4753697" | "4793880" | "4897138" | "5141592" | "5156701" | "5158630" | "5209800" | "5244522" | "5256229" | "5279685" | "5674333" | "5855731").PN. OR ("6485593").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/24 13:28

S147	32	("0336528" | "2384014" | "2647555" | "3391045" | "3729360" | "3769124" | "3897296" | "3968195" | "4263084" | "4369774").PN. OR ("4521263").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/24 13:39
S148	1	("20060144525").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/24 08:51
S149	1	S148 and error	US-PGPUB; USPAT	OR	OFF	2009/12/24 08:51
S150	1	S148 and error	US-PGPUB; USPAT	OR	ON	2009/12/24 08:51

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	651	"S137" and connect$ and program$6 and reset$	USPAT; UPAD	OR	OFF	2010/01/15 10:18
L2	150937	connect$4 and program $6 and reset$	USPAT; UPAD	OR	OFF	2010/01/15 10:18
L3	45532	connect$4 and program $6 same reset$	USPAT; UPAD	OR	OFF	2010/01/15 10:19
L4	707	(tube near2 connect $4) and (program$6 same reset$)	USPAT; UPAD	OR	ON	2010/01/15 10:19
L5	8	(tube near2 connect $4) same (program$6 same reset$)	USPAT; UPAD	OR	ON	2010/01/15 10:21
L6	412	(tube near2 connect $4) and (program$6 same reset$) and (execute or initiate)	USPAT; UPAD	OR	ON	2010/01/15 10:22
L7	6	(tube near2 connect $4) and (program$6 same reset$ same (cut $4 or sever)) and (execute or initiate)	USPAT; UPAD	OR	ON	2010/01/15 10:23
L8	40	(tube near2 connect $4) and (program$6 same reset$ and (cut $4 or sever)) and (execute or initiate) and weld$4	USPAT; UPAD	OR	ON	2010/01/15 10:25
L9	39	(tube near2 connect $4) and (program$6 same reset$ and (cut $4 or sever)) and (execute or initiate) and weld$4	US-PGPUB	OR	ON	2010/01/15 10:28
L10	39	9 not 8	US-PGPUB	OR	ON	2010/01/15 10:28

| L13 | 972 | (tube near2 connect $4) and (program$6 same reset$) | US-PGPUB; USPAT | OR | | ON | 2010/01/15 10:30 |

1/15/2010 10:32:35 AM
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